



Docket No.: M1073-7001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Christian Simon, et al.  
Serial No: 10/666,242  
Confirmation No: 9501  
Filed: September 22, 2003  
For: LOCAL MASS DISTRIBUTION PARTITIONING FOR  
OBJECT RECOGNITION  
Examiner: Not yet assigned  
Art Unit: 2623

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 19<sup>th</sup> day of May, 2005.

Stephanie Godino

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Sir:

Transmitted herewith are the following documents:

Information Disclosure Statement and Form PTO-1449, including cited references  
 Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 395-7000.

A check is not enclosed. If a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 50/2762. A duplicate of this sheet is enclosed.

Respectfully submitted,  
By:   
Aaron W. Moore, Reg. No. 52,043  
LOWRIE, LANDO & ANASTASI, LLP  
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One Main Street  
Cambridge, Massachusetts 02142  
Tel. (617) 395-7000

Date: May 19, 2005

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Stephanie Godino

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

**PART I: Compliance with 37 C.F.R. §1.97**

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case.

No fee or certification is required.

**PART II: Information Cited**

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

**PART III Remarks**

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application; and
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

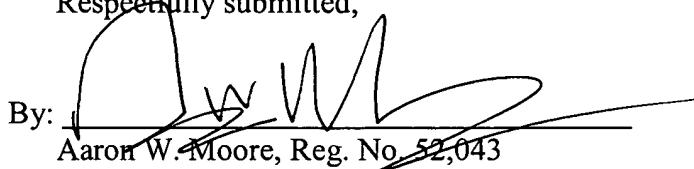
By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

By:

Aaron W. Moore, Reg. No. 52,043

LOWRIE, LANDO & ANASTASI, LLP

Riverfront Office Park

One Main Street

Cambridge, Massachusetts 02142

Tel. (617) 395-7000

Date: May 19, 2005

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P A T E N T & T R A D E M A R K S

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|--|---|----|---|------------------------------------|------------------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |   |    |   | APPLICATION NO.: 10/666,242        | ATTY. DOCKET NO.: M1073-7001 |
|  |   |    |   | FILING DATE: September 22, 2003    | CONFIRMATION NO.: 9501       |
|  |   |    |   | APPLICANT: Christian Simon, et al. |                              |
|  |   |    |   | GROUP ART UNIT: 2623               |                              |
| Sheet  | 1 | of | 1 |                                    |                              |

#### U.S. PATENT DOCUMENTS

| Examiner's Initials | Cite No. | U.S. Patent Document |           | Name of Patentee or Applicant of Cited Document | Date of Publication or of issue of Cited Document<br>MM-DD-YYYY |
|---------------------|----------|----------------------|-----------|---|---|
|                     |          | Number               | Kind Code |   |   |
|                     | M1       | 4,903,312*           |           | Sato  | 02-20-1990  |
|                     | M2       | 4,903,313*           |           | Tachikawa                                       | 02-20-1990  |
|                     | M3       | 5,841,902*           |           | Tu  | 11-24-1998  |
|                     |          |                      |           |   |   |

#### FOREIGN PATENT DOCUMENTS

| Examiner's Initials | Cite No. | Foreign Patent Document |        |           | Name of Patentee or Applicant of Cited Document<br>(not necessary) | Date of Publication of Cited Document<br>MM-DD-YYYY | Translation (Y/N) |
|---------------------|----------|-------------------------|--------|-----------|--|---|-------------------|
|                     |          | Office/<br>Country      | Number | Kind Code |  |   |                   |
|                     |          |                         |        |           |  |   |                   |
|                     |          |                         |        |           |  |   |                   |

#### OTHER ART – NON PATENT LITERATURE DOCUMENTS

| Examiner's Initials | Cite No | Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.             | Translation (Y/N) |
|---------------------|---------|---|-------------------|
|                     | M4      | H.D. CHENG and R. DESAI, Scene Classification by Fuzzy Local Moments, International Journal of Pattern Recognition and Artificial Intelligence, Vol. 12, No. 7, Pages 921-938, 1998)  |                   |
|                     | M5      | R.T. CHIN and C.R. DYER, Model-Based Recognition in Robot Vision, Computing Surveys, Vol. 18, No.1, March 1996  |                   |
|                     | M6      | R. MUKUNDAN and K.R. RAMAKRISHNAN, Moment Functions in Image Analysis, World Scientific Publishing, Pages 9-15, 1998  |                   |
|                     | M7      | JAEHWA PARK, VENU GOVINDARAJU and SARGUR N. SRIHARI, OCR In a Hierarchical Feature Space, IEEE Transactions on Pattern Analysis and Machine Intelligence, April 2000, Pages 400-407, Vol. 22 No. 4  |                   |
|                     | M8      | JOHN T. FAVATA and GEETHA SRIKANTAN, A Multiple Feature/Resolution Approach to Handprinted Digit and Character Recognition, International Journal of Imaging Systems and Technology, Special Issue: Document Analysis and Recognition; WINTER 1996, Pages 304-311, Vol. 7, Number 4 |                   |
|                     | M9      | Ø.D. TRIER, A.K. JAIN and T. TAXT, Feature Extraction Methods for Character Recognition—A Survey, Pattern Recognition, Vol. 29, No. 4, Pages 641-662, 1996)   |                   |

| EXAMINER | DATE CONSIDERED |
|----------|-----------------|
|          |                 |

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*a copy of this reference is not provided either because it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_, filed \_\_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications) or because a copy of this reference need not be provided as the reference is a published U.S. Patent or U.S. Patent application and the present application was filed after June 30, 2003.

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]